



**CONESTOGA-ROVERS
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September 10, 2012

Reference No. 006029-10

Mr. Regan S. Williams
State Project Coordinator
Ohio EPA – Division of Emergency & Remedial Response
2110 East Aurora Road
Twinsburg, Ohio 44087

Dear Mr. Williams:

Re: Annual Progress Report No. 17
Operation, Maintenance, and Monitoring
Summit National Superfund Site, Deerfield Township of Portage County, Ohio

In accordance with Paragraph XI.A of the Consent Decree for the Summit National Superfund Site (Site) in Deerfield Township of Portage County, Ohio, the Summit National Facility Trust (SNFT) hereby submits two copies of the Annual Progress Report No. 17 for the operation, maintenance, and monitoring activities at the Site for the period of September 1, 2011 to August 31, 2012.

Should you have any questions, please do not hesitate to contact the undersigned.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Nicholas J. Schapman

SAW/NJS/po/Will-03

Encl.

cc: Pablo Valentin, USEPA RPM (2 copies)
James Morris, USEPA Regional Counsel
Assistant Attorney General, Land and Natural Resources Division,
US Department of Justice
Supervisor, Office of Corrective Action, Director, State, Ohio EPA
Timothy Kern, Office of the Attorney General, State of Ohio
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ANNUAL PROGRESS REPORT NO. 17

OPERATION, MAINTENANCE, AND MONITORING PERIOD SUMMIT NATIONAL SUPERFUND SITE

DEERFIELD, OHIO

PERIOD: SEPTEMBER 1, 2011 TO AUGUST 31, 2012

This annual progress report is submitted to the Ohio Environmental Protection Agency (OEPA) and the United States Environmental Protection Agency (USEPA) by the Summit National Facility Trust Fund (SNFT), as required by Paragraph XI.A of the Consent Decree for the Summit National Superfund Site (Site) in Deerfield, Ohio.

A. GROUNDWATER EXTRACTION AND TREATMENT SYSTEM

1. The groundwater extraction and treatment system at the Site was shut down for the reporting period, as approved by OEPA. The system has been shut down since August 31, 2005.

B. GROUNDWATER MONITORING

1. Completed the 2012 annual groundwater hydraulic monitoring on April 24, 2012.
2. Completed the 2012 annual groundwater sampling on April 24, 2012.
3. Prepared and submitted the April 2012 Groundwater Monitoring Report to OEPA and USEPA on August 31, 2012.
4. Sampled purge water collected from the April 2012 groundwater sampling event and submitted samples to the analytical laboratory for disposal characterization. Transported and disposed of the purge water at Republic Services' Carbon Limestone Landfill in Lowellville, Ohio on June 28, 2012.

C. GENERAL SITE MAINTENANCE

1. SNFT provided general Site maintenance activities as required by the Operation, Maintenance, and Monitoring Plan (OMMP) for the Site for this reporting period, including weekly Site inspections.
2. The major maintenance activities associated with the groundwater extraction and treatment system at the Site consisted of routine site maintenance and included the following activities:
 - a. Performed routine inspection and maintenance on treatment building, including repair of the office HVAC unit, cleaning the office and treatment building, and the annual fire extinguisher inspection
 - b. Cut grass as needed

- c. Plowed snow on Site entrance as needed
- d. Replaced defective explosive gas monitor in office building
- e. Replaced roof shingles on storage shed that blew off
- f. Set up pest control measures for insects/rodents during winter months

D. GROUNDWATER MIGRATION EVALUATION

- 1. In the April 2009 groundwater monitoring report, SNFT recommended that the groundwater migration evaluation be extended to 2014 with annual groundwater monitoring and reporting. OEPA approved the continued shutdown of the groundwater extraction system with annual groundwater monitoring in a letter dated April 28, 2010.
- 2. In the April 2010, April 2011 and April 2012 groundwater monitoring reports, SNFT recommended that the groundwater migration evaluation be continued with annual groundwater monitoring and reporting.

E. MISCELLANEOUS

- 1. Prepared and submitted the September 1, 2010 through August 31, 2011 Annual Progress Report No. 16 to OEPA and USEPA on September 9, 2011.
- 2. The 2011 annual sediment sample was obtained at the confluence of the south and east drainage ditches adjacent to the Site on August 28, 2011. The analytical results were reported to OEPA and USEPA in a letter dated December 16, 2011.
- 3. The 2012 annual surface water and sediment samples were obtained at the confluence of the south and east drainage ditches adjacent to the Site on April 24, 2012, and the analytical results were submitted to OEPA and USEPA with the April 2012 Groundwater Monitoring Report on August 31, 2012.
- 4. Prepared and submitted a Work Plan for Data Gathering to Evaluate Feasibility and Assist in Possible Design of a Limited Phytocontrol System for Groundwater Hydraulic Control (Data Gathering Work Plan) at the Site to OEPA on October 21, 2011. Received OEPA verbal comments on the Data Gathering Work Plan and submitted a revised Data Gathering Work Plan to OEPA on December 16, 2011. Received OEPA approval to implement the revised Data Gathering Work Plan on February 7, 2012.
- 5. Implemented the Data Gathering Work Plan at the Site on April 24, 2012 to obtain site-specific data for the design of a limited phytocontrol program at the Site.
- 6. Commenced preparation of a Work Plan for a possible limited phytocontrol program at the Site.

F. ACTIVITIES SCHEDULED FOR NEXT REPORTING PERIOD

1. Continue general Site inspections, maintenance, and monitoring.
2. Conduct the 2013 annual sediment and surface water sampling at the confluence of the south and east drainage ditches, and submit the analytical results to OEPA and USEPA.
3. Conduct the 2013 annual groundwater hydraulic monitoring and submit the results to OEPA and USEPA.
4. Conduct the 2013 annual groundwater quality monitoring (with analysis for Site-Specific Indicator Parameter List compounds) and submit the analytical results to OEPA and USEPA.
5. Submit a Work Plan for a possible limited phytocontrol program at the Site to OEPA. Discuss the Work Plan with the agencies.